MOTOROLA

Commercial Series Price Pages

- U.S. List Version

August 1, 2012 Edition

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Changes for the August 1, 2012 Edition

U.S. Commercial List Price Pages

Portables

Page	Product	Part Number	Change	Change Description
22	Portable Accessories	PMNN4072	Added	New Item
23	Portable Accessories	RRDN7782	Moved	Moved from Call Box A1510 to A1410
27	Portable Accessories	RMN5047	Update	Description updated

Mobiles

None

Fixed Equipment

None None

Miscellaneous

47	Non-Current Accessories	RLN5238	Update	Description updated

DTR650™ Portable

The DTR650™ is a digital two-way radio operating at 900MHz that enables you to build bridges to expand the capabilities of individuals and teams, allowing them to get the job done right, fast, and safely. Rugged and reliable, the DTR650™ digital on-site radios undergo rigorous testing in the design process using U.S. Military 810 C,D,E and F Standards—so you can rest assured they will hold up under demanding conditions.

Standard Package Includes:
- Standard Battery - Li-ion, 1500 mAh Battery, 3.6V (53964)
- Standard Charger - 1 Hour Rapid Charger (53969)
- Drop-In Charging Tray (53962)
- Stubby 900 Antenna (8505241U06)
- Swivel Belt Holster (53961)
- CD-Rom User Guide
- Quick Reference Card
- One Year Warranty

Product Features:
- 900 MHz ISM Frequency-Hopping Digital Spread Spectrum
- 12 Alert Tones plus VibraCall™
- Battery Meter
- License Free Communication
- Backlit Display
- Private Calling: One-to-One Communication
- Public Group Calling: One-to-Many (up to 100 Group IDs)
- Private Group Calling: One-to-Many (selected from Contacts)
- Public Group Scan with Scan List
- Remote Disable
- Remote Monitoring
- Remote Time / Date Update
- SMS (Short Messaging Service), 5-10 Quick notes
- Contact List: Capacity 150 Shared Private / Public Group / Private Group
- CPS Required to Modify Quick Notes

Programmable Features:
- Call Tones
- Monitor
- OTA fleet cloning
- Accessory Talk Permit Tone (TFT) independent volume control
- Disable Radio PTT when using accessory with remote PTT
- Option to disable front-panel radio programming
- Cloning copies all configuration
- Read Private ID (reads fields other than just PID)

Models

Model #	Band Split	Power	Display	Keypad	MSRP
AAH73WCF9NA5_N	900 MHz	On-Site Digital	Yes	Limited	$350.00

VL50™ Portable

Small, Lightweight and Simple-to-Use. To provide businesses with that competitive edge, Motorola has developed a Value Line Business two-way radio. Helping businesses offer superior customer service, the VL allows employees to react quickly to requests and have instant access to one another.

Standard Package Includes:

- Standard Battery (1100 mAh Li-ion, 3.6V - 56557)
- Standard Charger (120V Double Unit Charger - 56553)
- Swivel Belt Holster (HCLN4013)
- User Guide (6881096C37)
- One Year Warranty

Product Features:

- Up to 8 Channels
- 12.5 kHz Channel Spacing
- Scan
- 83 DPL, 38 PL Codes
- VibraCall Alert
- Battery Meter
- Radio Signal Strength Indicator
- Enhanced VOX (No accessory needed)
- 7 Selectable Call Tones

Default Frequencies:

UHF

464.5000	467.8500
464.5500	467.8750
467.7625	467.9000
467.8125	467.9250

Models

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
P24VPC03D2_A	464.5-467.9 MHz	UHF	1W	8	Yes	No	$236.00

CP110™ Portable

The CP110™ delivers just what your customers need to drive their business success: pace-setting performance and dependability. It starts with exceptional audio quality which enables essential communication in loud environments. 2000 mW of audio output and other new design enhancements help CP110™ radios deliver audio that is 30% louder than previous Motorola CP100™ radio models.

Standard Package Includes:

- 2200 mAh Li-ion Rechargeable Battery
- 3-Hour Drop-In Charging Tray (RLN6304)
- Power Supply Adaptor (PMPN4005)
- Removable AC Pin (RLN6349)
- Spring Belt Clip (RLN6307)
- User's Guide
- Safety Leaflet
- 1 (one) Year Limited Warranty

Product Features:

- 1 and 2W Power
- Two (2) or five (5) programmable buttons
- Auto-Scan
- 3 Voice-Inversion Scramble
- Channel Scan with Selectable Scan List
- 3 Audible Call Tones
- VOX
- Front Panel Programming
- Operates on alkaline batteries for emergency situations (optional accessory RLN6306 required)

NARROWBAND READY The Motorola CP110Ê UHF radios are now 2013 FCC Narrowband ready. The default factory programming is set to operate in 12.5 kHz efficiency. The U.S. Federal Communications Commission has mandated that all commercial radios must be narrowband (12.5 kHz channel spacing) by January 1, 2013.

Display Model additional features:

- Battery Gauge
- iVOX (Hands Free Without Accessories)
- Keypad Lock
- Channel Alias
- Programmable Backlight

Configurable Features:

- Call Tones
- Monitor
- Scramble
- Scan/Nuisance Channel Delete
- TX Power Select

Default Frequencies:

157.6800 464.475

Models

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
H96KCC9AA2_A	150.8-174 MHz	VHF	2W	2	No	No	$267.00
H96RCC9AA2_A	450-470 MHz	UHF	2W	2	No	No	$297.00
H96KCF9AA2_A	150.8-174 MHz	VHF	2W	16	Yes	Limited	$310.00
H96RCF9AA2_A	450-470 MHz	UHF	2W	16	Yes	Limited	$340.00

CP110™ Portable

General Options

Options	Description	MSRP
Q884	1 Year Repair Service Advantage	$34.00
H885	2 Year Repair Service Advantage	$65.00
H886	3 Year Repair Service Advantage	$97.00

Repair Service Advantage

RSA provides 1, 2 or 3 years of extended hardware repair coverage beginning after the standard warranty period expires. Repairs will be made only at the designated Motorola repair depot. Local services are not included. Motorola will pay the inbound shipping charges only with use of the Motorola designated delivery service. Motorola will pay for outbound shipping via Motorola's normal shipping methods. No discounts are allowed on this option.

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FCC Information:
UHF: AZ489FT4880
VHF: AZ489FT3819

Environmental Specifications:
Operating Temperature: -30° to +60° C (Radio Only)
Sealing: IP55

CP110™ MURS Portable

The CP110™ MURS delivers just what your customers need to drive their business success: pace-setting performance and dependability. It starts with exceptional audio quality which enables essential communication in loud environments. 2000 mW of audio output and other new design enhancements help CP110™ MURS radios deliver audio that is 30% louder than previous Motorola CP100™ radio models.

Standard Package Includes:

- 2200 mAh Li-ion Rechargeable Battery
- 3-Hour Drop-In Charging Tray (RLN6304)
- Power Supply Adaptor (PMPN4005)
- Removable AC Pin (RLN6349)
- Spring Belt Clip (RLN6307)
- User's Guide
- Safety Leaflet
- 1 (one) Year Limited Warranty

Product Features:

- No Individual Station Frequency License Required
- 2W Power
- 3 Voice-Inversion Scramble
- Channel Scan with Selectable Scan List
- 3 Audible Call Tones
- VOX
- 5 Fixed MURS Frequencies
- Operates on alkaline batteries for emergency situations (optional accessory RLN6306 required)

CP110d Display Model:

- Up to 8 Channels
- 5 Configurable Buttons
- Battery Gauge
- Signal Strength Indicator
- Keypad Lock
- iVOX
- Channel Aliasing (up to 8 characters)

CP110 Non-Display:

- 2 Channels
- 2 Configurable Buttons
- Auto-Scan

MURS Frequencies	Authorized Bandwidth
151.820 MHz	11.25 kHz
151.880 MHz	11.25 kHz
151.940 MHz	11.25 kHz
154.570 MHz	20.0 kHz
154.600 MHz	20.0 kHz

What is the MURS Frequency Band?

- The MURS frequency band consist of five VHF shared frequencies designated for private, two-way, short-distance voice or data communications for personal or business activities within the United States for which no individual station licenses are required.
- There is no frequency coordination or license requirement for the use of radio transceivers on MURS frequencies. These channels 151.820 MHz 11.25 kHz are available for use on a “shared” basis by the general public.

Configurable Buttons:

- Call Tones
- Monitor
- Scramble
- Scan/Nuisance Channel Delete

- While there is no licensing requirement for MURS operation, the Federal Communications Commission (FCC) does define certain rules and regulations related to the use of radio transmitters on MURS frequencies. These rules are identified within Part 95 under Title 47 of the US Code of Federal Regulations.

Models

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
H96MCC9AA2_A	MURS	VHF	2W	2	No	No	$267.00
H96MCD9AA2_A	MURS	VHF	2W	8	Yes	Limited	$310.00

CP110™ MURS Portable

General Options

Options	Description	MSRP
Q884	1 Year Repair Service Advantage	$34.00
H885	2 Year Repair Service Advantage	$65.00
H886	3 Year Repair Service Advantage	$97.00

Repair Service Advantage

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Environmental Specifications:
Operating Temperature: -30° to +60° C (Radio Only)
Sealing: IP55

BPR™ 40 Portable

The Mag One by Motorola BPR™ 40 two-way radio offers a new choice of affordable communication with a complete assortment of accessories for radio customization. So when your customers select the BPR40, they will experience a reliable, easy to use two-way radio at a great value.

Standard Package Includes:

- 8 Channel Model (Mag One Battery NiMH, 1200 mAh - PMNN4071_R
- 16 Channel Model (Mag One Battery Li-ion, 1500 mAh - PMNN4075_R
- Mag One Tri - Chemistry Rapid Charger Kit (includes PMLN5041_R Base/EPNN9288 - Power Supply with AC Cord - PMLN5048_R)
- Mag One Antenna (VHF PMAD4051_R / UHF PMAE4020_R)
- Mag One Spring Belt Clip (PMLN4743)
- Operating Instruction Manual
- Warranty:
  - Portable: One Year
  - Mag One Accessories (except batteries): Six Months
  - All Other Accessories (includes Mag One Battery and Motorola accessories): One Year

Product Features:

- 8 or 16 Channels
- 12.5 /25 kHz Channel Spacing
- 2 Programmable Buttons
- Adjustable Power Levels (ships with 1W)
- Priority Scan
- Small Size and Light Weight

Programmable Features:

- Nuisance Channel Delete
- PL/DPL Enable
- High/Low Power
- Volume Set
- Scan
- Talkaround

Frequencies Not Allowed:

VHF	UHF
158.91000	453.46500
173.27500	457.15000
173.26875	460.84375
	464.52500
	469.11500

Default Frequencies:

VHF	UHF
151.625	464.500

Additional frequencies can be added using the Customer Programming Software
All frequencies must be divisible by 5.0 or 6.25 kHz

Caution: Frequencies on the VHF band in the US have been assigned by the FCC with channel centers every 7.5 kHz, which means some of these frequencies are not evenly divisible by 6.25 kHz or 5 kHz. In order for a radio to be able to synthesize frequencies that are not evenly divisible by 6.25 kHz or 5 kHz, it requires a more sophisticated synthesizer and hardware than the one offered with this model.

Models

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH84KDS8AA1_N	150-174 MHz	VHF	5W	8	No	No	$233.00
AAH84KDJ8AA1_N	150-174 MHz	VHF	5W	16	No	No	$258.00
AAH84RCS8AA1_N	450-470 MHz	UHF	4W	8	No	No	$250.00
AAH84RCJ8AA1_N	450-470 MHz	UHF	4W	16	No	No	$275.00

BPR™ 40 Portable

General Options

Options	Description	MSRP
Q884	1 Year Repair Service Advantage	$34.00
H885	2 Year Repair Service Advantage	$65.00
H886	3 Year Repair Service Advantage	$97.00

Repair Service Advantage

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FCC/IC Information:

VHF: AZ489FT3810 / 109U-89FT3810
UHF: AZ489FT4873 / 109U-89FT4873

Environmental Specifications:

Operating Temperature: -30° C to +60° C (Radio Only)
Sealing: IPX4

CP185™ Portable

Enhanced functionality, reliable communication—for a higher level of productivity. Ideal for educational institutions, retail and hospitality businesses, service and manufacturing industries and many other demanding, professional applications, the Motorola CP185 brings you a robust two-way radio solution.

Standard Package Includes:

- Standard Battery (Li-Ion, 1500 mAh, 7.4V - PMNN4081_R)
- Rapid Rate Charger (< 3 Hours - PMLN5398)
- Standard Antenna (VHF Heliflex NAD6502_R / UHF Stubby PMAE4003_R) * See foot note
- 2" Spring Action Belt Clip (HLN9844)
- Quick Reference Guide (68007024011)
- 2 Year Warranty

Product Features:

- Built-in Simple Voice Scrambling
- Internal VOX
- 12.5/25 kHz Switchable Channel Spacing
- Companding-Expanding (X-Pand™)
- 8-Character Alphanumeric Display
- 16 Channels
- 2 Programmable Side Buttons
- 3 Programmable Front Buttons
- Front Pannel Feature and Button Configuring Mode
- Battery Saver
- Normal and Priority Scan (1 List)
- Multi-Channel Capability
- High Power
- Talkaround Capability
- Ergonomically Designed
- Busy Channel Lockout
- Low Battery Alert
- Receive Only Channel

Programmable Features:

- Backlight
- Channel Alias
- Channel Scan
- Keypad Lock
- Monitor
- Nuisance Channel Delete
- Power Level
- Repeater / Talkaround
- Reverse Burst
- Scrambling Code Select
- Scrambling On/Off
- Squelch Level
- Sticky Monitor
- TPL/DPL Enable
- Volume Set
- VOX On / Off

Frequencies Not Allowed:

140.000	155.175	167.030	446.440	460.000
155.010	155.505	169.995	446.445	467.785
155.050	159.995	170.000	455.895	467.900
155.030	160.000	170.005	456.010	468.010
155.015	160.005	173.985	456.015	468.125
155.170	161.450	173.990	456.125	468.240
155.180	167.025		458.195	470.000
				479.900

Default Frequencies:

157.6800 464.475

Additional frequencies can be added using the CPS.
All frequencies must be divisible by 5.0 or 6.25 kHz.

Caution: Frequencies on the VHF band in the US have been assigned by the FCC with channel centers every 7.5 kHz, which means some of these frequencies are not evenly divisible by 6.25 kHz or 5 kHz. In order for a radio to be able to synthesize frequencies that are not evenly divisible by 6.25 kHz or 5 kHz, it requires a more sophisticated synthesizer and hardware than the one offered with this model.

Models

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH03KEF8AA7_N	136-174 MHz	VHF	2-5W	16	Yes	Limited	$315.00
AAH03RDF8AA7_N	435-480 MHz	UHF	2-4W	16	Yes	Limited	$332.00

CP185™ Portable

Configuration Options

Options	Description	MSRP
QA01113	Li-Ion High Cap.2150 mAh Battery (PMNN4080)	$17.00
QA01114	NiMH 1300 mAh Battery (PMNN4082)	-$5.00
STDPKG0133	Li-Ion 1500 mAh Battery (PMNN4081A)	$0.00

General Options

Options	Description	MSRP
HA00041	Retail Temple Transducer (PMLN5003)	$79.00
QA00531	Remote Speaker Microphone with Ear Jack, Coiled Cord and Swivel Clothing Clip (PMMN4013)	$73.50
QA00532	Remote Speaker Microphone with IP57 Rating, Coiled Cord and Swivel Clothing Clip (PMMN4029)	$75.00
QA01116	Lightweight Single Muff Adjustable Headset w/Swivel Boom Microphone (HMN9013)	$65.00
QA01117	UHF Whip (16.5 cm) 430-520Mz (NAE6483)	$11.25
QA01315	VHF Stubby (9 cm) 136-155 MHz (PMAD4012)	$9.75
QA01316	VHF Stubby (9 cm) 155-174 MHz (PMAD4013)	$9.75
QA01318	VHF Heliflex 136-162 MHz (HAD9338)	$10.50
Q884	1 Year Repair Service Advantage	$34.00
H885	2 Year Repair Service Advantage	$65.00
H886	3 Year Repair Service Advantage	$97.00

Repair Service Advantage

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General Notes

- The UHF Stubby standard antenna PMAE4003_R, provides a coverage range of 430 to 470 MHz. Should you need coverage up to 480 MHz, the QA01117 antenna option must be ordered

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FCC Information:

VHF: AZ489FT3882
VHF: AZ489FT4883

Environmental Specifications:

Operating Temperature: -30° to +60° C (Radio Only)
Sealing: IP55

CP200™ Portable

The design and simple operation of the CP200 portable two-way radio makes it ideal for education, hospitality, retail, manufacturing and security organizations. This radio features a large, textured push-to-talk button, X-Pand™ technology for crisp, clear audio and two programmable buttons for quick access to frequently used features-all in a lightweight, durable design.

Standard Package Includes:

- Standard Battery (Li-ion, 2250 mAh, 7.5V - NNTN4497_R)
- Standard Charger (90 Minute Rapid Rate - WPLN4138_R)
- Standard Antenna (VHF Heliflex NAD6502_R / UHF Whip NAE6483_R)
- 3" Belt Clip (HLN8255)
- 2 Year Warranty

Product Features:

- 12.5 kHz Channel Spacing
- 2 Programmable Side Buttons
- Companding X-Pand™ Technology
- Time-Out-Timer - Busy Channel Lockout
- Internal VOX - Single Priority Scan
- Adjustable Power Levels
- MDC1200 PTT ID (Encode)
- Quik Call II (Decode)
- Quik Call II Call Alert (Decode)
- Quik Call II Selective Call (Decode)

Programmable Features:

- High / Low Power
- Channel Scan
- LED Battery Indicator
- Squelch Levels
- Repeater / Talkaround
- Volume Set
- Tight / Normal Squelch
- VOX On / Off
- Nuisance Channel Delete

Default Frequencies:

VHF	UHF
142.000	437.600
151.625	466.000
	469.900

Frequencies Not Allowed:

VHF	UHF		
151.194	403.194	443.938	470.400
151.200	403.200	443.944	470.406
151.206	403.206	443.950	488.333
167.994	436.794	443.956	488.339
168.000	436.800	443.963	488.345
168.006	436.806	443.969	488.351
	443.931	470.394	488.358

Models

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH50KDC9AA1_N	146-174 MHz	VHF	5W	4	No	No	$447.00
AAH50KDC9AA2_N	146-174 MHz	VHF	5W	16	No	No	$482.00
AAH50RDC9AA1_N	438-470 MHz	UHF	4W	4	No	No	$482.00
AAH50RDC9AA2_N	438-470 MHz	UHF	4W	16	No	No	$517.00

CP200™ Portable

Configuration Options

Options	Description	MSRP
Q648	Slim Li-ion, 1600 mAh, 7.5V Battery (NNTN4970) and No Charger	-$15.00
Q653	Li-ion, 2250 mAh, 7.5V Battery (NNTN4497_R) and No Charger	-$15.00
Q878	NiMH, 1400 mAh, 7.5V Battery (NNTN4851) and No Charger	-$15.00
QA00745	NiMH, 1400 mAh, 7.5V Battery (NNTN4851) and 90 Minute Rapid Rate Charger with Switch Mode Power Supply (WPLN4138_R)	$0.00
QA00748	Slim Li-ion, 1600 mAh, 7.2V Battery (NNTN4970) and 90 Minute Rapid Rate Charger with Switch Mode Power Supply (WPLN4138_R)	$0.00
STDPKG0018	Li-ion, 2250 mAh, 7.5V Battery (NNTN4497) and 90 Minute Rapid Rate Charger (WPLN4138_R)	$0.00

General Options

Options	Description	MSRP
QA00098	Earbud with Clip Microphone and PTT, Transmit & Receive (2-wire - not recommended for use with PL codes above 225 Hz - HMN9036)	$40.00
QA00099	Ultra-Light Headset, Behind-the-Head with In-Line PTT and Boom Microphone (RLN5411)	$60.00
QA00189	VHF 162-174 MHz, 3" Stubby Antenna (HAD9743)	$9.75
QA00190	UHF 440-470 MHz, 3" Stubby Antenna (NAE6522_R)	$11.25
QA00194	VHF 146-162 MHz, 3" Stubby Antenna (HAD9742)	$9.75
QA00531	Remote Speaker Microphone with Ear Jack, Coiled Cord and Swivel Clothing Clip (PMMN4013)	$73.50
QA00532	Remote Speaker Microphone with IP57 Rating, Coiled Cord and Swivel Clothing Clip (PMMN4029)	$75.00
QA01424	Add CP200 User Guide (HKLN4220)	$0.00
Q884	1 Year Repair Service Advantage	$34.00
H885	2 Year Repair Service Advantage	$65.00
H886	3 Year Repair Service Advantage	$97.00

Repair Service Advantage

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FCC/IC Information:
(136-162 MHz) ABZ99FT3039 / 109AB-99FT3039
(146-174 MHz) ABZ99FT3045 / 109AB-99FT3045
(403-440 MHz) ABZ99FT4057 / 109AB-99FT4057
(438-470 MHz) ABZ99FT4056 / 109AB-99FT4056
(465-495 MHz) ABZ99FT4058 / 109AB-99FT4058

Environmental Specifications:
Operating Temperature: -30° to +60° C (Radio Only)
Sealing: IP54

CP200™ XLS Portable

Featuring both conventional and LTR® Trunking capability, the CP200·XLS makes it a perfect fit for education, hospitality, retail, manufacturing and security organizations who need additional capabilities and capacity to manage a large workforce.

Standard Package Includes:

- Li-ion Battery, 2250 mAh, 7.2V (NNTN4497_R)
- 120 Volt - 90 Minute Rapid Rate Charger Kit (WPLN4138_R)
- Antenna VHF Heliflex (NAD6502_R) / UHF Whip (NAE6483_R)
- 3" Belt Clip (HLN8255)
- Quick Reference Guide/Safety & Warranty Booklet (68009327001)
- 2 Year Warranty

Product Features:

- 128 Conv. Channels
- 12.5 KHz Channel Spacing
- 8 Character Alphanumeric Display
- 4 Programmable Buttons
- Companding X-Pand™ Technology
- Dual Priority Scan

Signaling Features (Conventional Mode Only):

- MDC1200 PTT ID (Numeric ID - Encode/Decode)
- MDC1200 Radio Check (Decode)
- MDC1200 Selective Radio Inhibit (Decode)
- MDC1200 Selective Call (Encode/Decode)
- Quik Call II Selective Call (Encode/Decode)
- Quik Call II Call Alert (Encode/Decode)
- DTMF PTT ID (Encode)
- DTMF Selective Call (Encode)

Programmable Features:

- 2 Memory Channels
- Channel Scan
- Monitor
- PL/DPL Edit
- Tight / Normal Squelch
- VOX On / Off
- Battery Indicator
- High / Low Power
- Nuisance Channel Delete
- Repeater / Talkaround
- Volume Set

LTR® Features:

- Up to 10 Sites & 100 Talkgroups
- Up to 20 Repeaters per Site
- Up to 16 Universal IDs per System
- UHF and VHF Frequencies
- Combined System Scan
- User Programmable Scan & Phone Lists
- Data Operated Squelch (DOS)

Models

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH50JDF9AA5_N	136-162 MHz	VHF	5W	128	Yes	Limited	$448.00
AAH50JDH9AA6_N	136-162 MHz	VHF	5W	128	Yes	Full	$483.00
AAH50KDF9AA5_N	146-174 MHz	VHF	5W	128	Yes	Limited	$448.00
AAH50KDH9AA6_N	146-174 MHz	VHF	5W	128	Yes	Full	$483.00
AAH50QDF9AA5_N	403-440 MHz	UHF	4W	128	Yes	Limited	$483.00
AAH50QDH9AA6_N	403-440 MHz	UHF	4W	128	Yes	Full	$517.00
AAH50RDF9AA5_N	438-470 MHz	UHF	4W	128	Yes	Limited	$483.00
AAH50RDH9AA6_N	438-470 MHz	UHF	4W	128	Yes	Full	$517.00
AAH50SDF9AA5_N	465-495 MHz	UHF	4W	128	Yes	Limited	$483.00
AAH50SDH9AA6_N	465-495 MHz	UHF	4W	128	Yes	Full	$517.00

CP200™ XLS Portable

Configuration Options

Options	Description	MSRP
Q648	Slim Li-ion, 1600 mAh, 7.5V Battery (NNTN4970) and No Charger	-$10.00
Q653	Li-ion, 2250 mAh, 7.5V Battery (NNTN4497_R) and No Charger	-$5.00
Q878	NiMH, 1400 mAh, 7.5V Battery (NNTN4851) and No Charger	-$20.00
QA00745	NiMH, 1400 mAh, 7.5V Battery (NNTN4851) and 90 Minute Rapid Rate Charger with Switch Mode Power Supply (WPLN4138_R)	$0.00
QA00748	Slim Li-ion, 1600 mAh, 7.2V Battery (NNTN4970) and 90 Minute Rapid Rate Charger with Switch Mode Power Supply (WPLN4138_R)	$0.00
STDPKG0018	Li-ion, 2250 mAh, 7.5V Battery (NNTN4497_R) and 90 Minute Rapid Rate Charger with Switch Mode Power Supply (WPLN4138_R)	$0.00

General Options

Options	Description	MSRP
HA00041	Retail Temple Transducer (PMLN5003)	$79.00
QA00098	Earbud with Clip Microphone and PTT, Transmit & Receive (2-wire - not recommended for use with PL codes above 225 Hz - HMN9036)	$40.00
QA00099	Ultra-Light Headset, Behind-the-Head with In-Line PTT and Boom Microphone (RLN5411)	$60.00
QA00189	VHF 162-174 MHz, 3" Stubby Antenna (HAD9743)	$9.75
QA00190	UHF 440-470 MHz, 3" Stubby Antenna (NAE6522_R)	$11.25
QA00191	UHF 470-512 MHz, 3" Stubby Antenna (8505816K26)	$11.25
QA00194	VHF 146-162 MHz, 3" Stubby Antenna (HAD9742)	$9.75
QA00531	Remote Speaker Microphone with Ear Jack, Coiled Cord and Swivel Clothing Clip (PMMN4013)	$73.50
QA00532	Remote Speaker Microphone with IP57 Rating, Coiled Cord and Swivel Clothing Clip (PMMN4029)	$75.00
QA01424	Add CP200 XLS User Guide (68009326001)	$0.00
Q884	1 Year Repair Service Advantage	$34.00
H885	2 Year Repair Service Advantage	$65.00
H886	3 Year Repair Service Advantage	$97.00

Repair Service Advantage

RSA provides 1, 2 or 3 years of extended hardware repair coverage beginning after the standard warranty period expires. Repairs will be made only at the designated Motorola repair depot. Local services are not included. Motorola will pay the inbound shipping charges only with use of the Motorola designated delivery service. Motorola will pay for outbound shipping via Motorola's normal shipping methods. No discounts are allowed on this option.
For technical training on Motorola products, please visit: www.motorola.com/government/techtraining

Frequencies Not Allowed:

VHF	UHF			
151.19375	403.20000	436.80000	443.95625	488.32625
168.00000	403.20625	436.80625	443.96250	488.33250
151.20000	403.49375	443.93125	443.96875	488.33875
168.00625	419.99375	443.93750	470.39375	488.34500
151.20625	420.00000	443.94375	470.40000	488.35125
167.99375	436.79375	443.95000	470.40625	488.35750

420.00625 (420 MHz +/- 6.25 kHz)
488.36375 (488.345 MHz +/- 18.75 kHz)

Default Frequencies:

VHF	UHF	
142.000	437.600	469.900
151.625	466.000	

Environmental Specifications

Operating Temperature: -30° to +60° C
Sealing: IP54

FCC/IC Information:

(VHF 136-162 MHz) ABZ99FT3039 / 109AB-99FT3039
(VHF 146-174 MHz) ABZ99FT3045 / 109AB-99FT3045
(UHF 403-440 MHz) ABZ99FT4057 / 109AB-99FT4057
(UHF 438-470 MHz) ABZ99FT4056 / 109AB-99FT4056
(UHF 465-495 MHz) ABZ99FT4058 / 109AB-99FT4058

Portable Accessories

Antennas

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
				X			8504762J02	VHF Helical Antenna, 155-174 MHz (14cm)	$13.50
		X					8505241U04	896-941 MHz 1/2 Wave Whip Antenna	$35.75
		X					8505241U06	806-941 MHz 1/4 Wave Stubby Antenna	$25.50
				X			HAD9338_R	VHF Heliflex Antenna, 136-162 MHz	$11.75
				X	X	X	HAD9742	VHF Stubby Antenna, 146-162 MHz	$10.75
				X	X	X	HAD9743	VHF Stubby Antenna, 162-174 MHz	$10.75
				X	X	X	NAD6502_R	VHF Heliflex Antenna, 146-174 MHz	$11.75
				X			NAD6579	VHF Whip Antenna, 148-161 MHz (Enhanced Performance, 7.5")	$13.50
				X	X	X	NAE6483_R	UHF Whip Antenna, 403-520 MHz	$11.75
					X	X	NAE6522_R	UHF Heliflex Stubby Antenna, 438-470 MHz	$12.25
				X			PMAD4012	VHF Stubby Antenna, 136-155 MHz (Red Color Code)	$13.25
				X			PMAD4013	VHF Stubby Antenna, 155-174 MHz (Black Color Code)	$13.25
				X			PMAD4014	VHF Helical Antenna, 136-155 MHz (14cm)	$13.50
			X				PMAD4051_R	Mag One VHF Antenna, 150-174 MHz	$9.25
				X			PMAE4003	UHF Stubby Antenna, 430-470 MHz (9cm)	$11.25
				X			PMAE4006	UHF Stubby Antenna, 465-490 MHz (9cm)	$14.75
			X				PMAE4020_R	Mag One UHF Stubby Antenna, 450-470 MHz	$9.25
	X						RAN4031	UHF Whip Antenna, 403-470 MHz	$20.00
	X						RAN4033	UHF Stubby Antenna, 450-470 MHz	$20.00
.	X						RAN4041	VHF Helical Antenna, 146-174 MHz	$20.00

Portable Accessories

Batteries

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
		X					53963	Li-ion, 1200 mAh, 3.6V Battery	$45.00
		X					53964	Li-ion, 1500 mAh, 3.6V Battery	$70.00
X							56557	Li-ion, 1100 mAh, 3.6V Battery	$34.95
					X	X	NNTN4496_R	NiCd. 950 mAh Minimum and 1100 mAh Typical, 7.2V Battery	$60.00
					X	X	NNTN4497_R	Li-ion, 2250 mAh, 7.5V Battery (only comp. with WPLN4138_R & WLN4161_R)	$85.00
					X	X	NNTN4851	NiMH, 1400 mAh, 7.5V Battery (comp. with WPLN4138_R & WLN4161_R)	$63.00
					X		NNTN4852	NiMH, 1300 mAh, 7.5V Battery - Intrinsically Safe (FM) (only compatible with WPLN4138_R & WPLN4161_R)	$110.00
					X		NNTN4970	Slim Li-ion, 1600 mAh, 7.2V Battery (comp. with WPLN4138_R & WLN4161_R)	$105.00
			X				PMNN4071_R	Mag One NiMH, 1200 mAh Battery	$35.00
	X						PMNN4072	NIMH Mag One Battery (1300 mAh)	$35.00
			X				PMNN4075_R	Mag One Li-ion, 1500 mAh Battery (comp. with PMLN5041_R charger base and PMLN5048_R charger kit only)	$53.00
				X			PMNN4080	Li-ion High Capacity 2150 mAh 7.4V Battery	$69.00
				X			PMNN4081	Li-ion 1500 mAh 7.4V Battery	$58.00
				X			PMNN4082	NiMH 1300 mAh 7.4V Battery	$52.00
	X						RLN6305	High Capacity Li-ion Battery (compnent P/N 60012001001)	$100.00
	X						RLN6306	Alkaline Battery Shell	$45.00
	X						RLN6308	Ultra High Capacity Li-ion Battery (component P/N 60012000001)	$110.00
	X						RLN6351	Standard Li-ion Battery	$80.00

Call Boxes - A1

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
					X	X	RRDN4362	Solar Wall or Pole Mounted	$2,565.00
					X	X	RRDN4363	AC/DC Wall or Pole Mounted	$2,465.00
					X	X	RRDN4365	Solar Powered with Aluminum Stanchion (A1010) w/o Base Pedestal	$3,395.00
.	.	.	.	.	X	X	RRDN4366	AC/DC Powered with Aluminum Stanchion (A1010) w/o Base Pedestal	$3,295.00
.	.	.	.	.	X	X	RRDN4444	A1A1010 Base Pedestal	$450.00

Call Boxes - A106.5

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
					X	X	RRDN4588	Solar Powered w/o Base Pedestal	$2,795.00
.	.	.	.	.	X	X	RRDN4589	AC/DC Powered w/o Base Pedestal	$2,695.00
.	.	.	.	.	X	X	RRDN7776	A106.5 Base Pedestal	$450.00

Portable Accessories

Call Boxes - A1410

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
					X	X	RRDN4369	Solar Powered w/o Base Pedestal	$3,400.00
.	.	.	.	.	X	X	RRDN4447	A1410 Base Pedestal	$450.00
.	.	.	.	.	X	X	RRDN4370	AC/DC Powered w/o Base Pedestal	$3,300.00
.	.	.	.	.	X	X	RRDN7782	A1410 Solar Powered w/o Base Pedestal, with Public Address System (PA)	$3,745.00

Call Boxes - A144

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
					X	X	RRDN4590	Solar Wall or Pole Mounted	$3,275.00
.	.	.	.	.	X	X	RRDN4591	AC/DC Wall or Pole Mounted	$3,175.00

Call Boxes - A1510

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
.	.	.	.	.	X	X	RRDN7777	Solar Powered w/o Base Pedestal	$3,445.00
.	.	.	.	.	X	X	RRDN7778	Solar Powered w/o Base Pedestal, with Public Address System (PA)	$4,000.00
.	.	.	.	.	X	X	RRDN7779	AC/DC Powered w/o Base Pedestal	$3,345.00
.	.	.	.	.	X	X	RRDN7780	AC/DC Powered w/o Base Pedestal, with Public Address System (PA)	$3,910.00
.	.	.	.	.	X	X	RRDN7781	A1510 Base Pedestal	$348.00

Call Boxes - ACB

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
					X	X	RRDN4367	Solar Wall or Pole Mounted	$2,775.00
.	.	.	.	.	X	X	RRDN4368	AC/DC Wall or Pole Mounted	$2,675.00

Call Boxes - Mass Notification System

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
.	.	.	.	.	X	X	RRDN7783	Mass Notification System	$1,945.00

Carry Cases

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
					X	X	4280384F89	Universal RadioPAK™ Extension Belt for waist larger than 40"	$5.00
		X					53961	Swivel Belt Holster	$12.95
X							56519	Carry Case with Adjustable Strap	$27.50
X							HCLN4013	Replacement Swivel Belt Holster	$7.95
				X	X	X	HLN6602	Universal Chest Pack with Radio Holder, Pen Holder & Velcro Secured Pocket	$38.00

Portable Accessories

Carry Cases

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
					X	X	HLN8255	3" Spring Action Belt Clip	$6.00
				X	X	X	HLN9701	Nylon Case with Belt Loop (Resale Packaging available through RPSD)	$24.00
				X			HLN9844	2" Spring Belt Clip	$11.50
				X	X	X	HLN9985	Waterproof Bag, includes large carrying strap	$36.00
			X				PMLN4742	Mag One Hard Leather Carry Case	$25.00
			X				PMLN4743	Mag One 2" Spring Belt Clip	$5.00
				X			PMLN5334	Soft Leather Protective Case	$25.00
				X	X	X	RLN4815	Universal RadioPAK™ & Utility Case (fanny pack)	$45.00
					X		RLN5383	Leather Case with Belt Loop (for use with Non-Display models)	$39.00
					X		RLN5384	Leather Case with 2.5" Swivel (for use with Non-Display models)	$45.00
					X		RLN5385	Leather Case with 3" Swivel (for use with Non-Display models)	$45.00
					X	X	RLN5644	2" Spring Action Belt Clip	$6.00
	X						RLN6302	Leather Case with 3' Swivel	$55.00
	X						RLN6307	Spring Action Belt Clip	$15.00
					X	X	TDN9327	Portable Radio Hanger - for door panels up to 2.75" (slides over and hangs from the door panel in vehicle). Radio Belt Clip is required for use.	$28.50
					X	X	TDN9373	Portable Radio Hanger - for door panels from 2.75" to 3.25" (slides over and hangs from the door panel in vehicle). Radio Belt Clip is required for use.	$18.00

Chargers

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
		X					53960	Multi-Unit Charger	$200.00
		X					53962	Drop In Charging Tray	$27.95
		X					53969	Rapid Charger, 1 Hour	$30.00
X							56531	Multi-Unit Charger	$199.95
X							56553	Double Unit Charger	$65.00
					X	X	EPNN7997	10 Hour Plug In Charger (plugs into radio accessory connector - for use with NNTN4496_R NiCd battery only)	$6.30
			X	X	X	X	EPNN9288	90-134V, Switch Mode Power Supply with NA/LA Country Plug	$24.00
			X				PMLN5041_R	Mag One Tri - Chemistry Rapid Charger Base	$32.50
			X				PMLN5048_R	Mag One Tri - Chemistry Rapid Charger Kit (includes Base, Power Supply & AC Cord)	$50.00
				X			PMLN5228	Tri-Chemistry Single Unit Charger Base	$35.00
				X			PMLN5398	Tri-Chemistry Single Unit Charger Base with Switch Mode Power Supply (includes PMLN5228 and EPNN9288)	$53.00
	X						PMPN4005	AC Power Supply	$35.00
					X	X	RLN6296	120V - 6 Unit - Multi Unit Charger Conversion Kit (single unit chargers sold separately, kit includes charger base and power supply only)	$276.00
	X						RLN6304	2-Hour Rapid Charger Kit (includes PMPN4005, RLN6332, and RLN6349)	$65.00
	X						RLN6309	Multi Unit Charger	$275.00
	X						RLN6332	Rapid Drop-In Tray	$30.00
	X						RLN6349	NA Adaptor	$5.00

Portable Accessories

Chargers

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
			X				RLN6350	Mag One Rapid Charger, Li-ion Battery Bundle Kit (includes PMLN5048_R and PMNN4075)	$84.00
			X				RLN6393	110V Rapid Rate Multi Unit Charger	$420.00
					X	X	WPLN4138_R	120V - 90 Minute Rapid Rate Charger with Switch Mode Power Supply (includes EPNN9288 and WPLN4137)	$57.75
					X	X	WPLN4161_R	120 Volt - 6 Unit Rapid Rate Charger	$450.00

Ear Pieces

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
					X	X	0180300E83	Body Switch Push to Talk for Ear Microphone System	$159.00
					X	X	0180358B33	Medium Earholder for Ear Microphone System, Black (For securing ear microphone in ear) - Additional sizes & colors available.	$20.00
					X	X	0180358B38	Finger Push to Talk Switch for Ear Microphone System - Intrinsically Safe (FM)	$52.50
					X	X	5080369E39	Extra Loud Earphone, Beige (exceeds OSHA limits)	$36.75
					X	X	5080370E91	Extra Loud Earphone, Black (exceeds OSHA limits)	$36.75
					X	X	5080370E97	Replacement Rubber Eartips, Clear - Pack of 25 (for use with RLN6232, RLN6241)	$29.25
					X	X	5080384F72	Replacement Foam Plugs-Pack of 50 (for use with RLN6230, RLN6231), Noise Reduction Rating = 24dB	$47.25
X		X					56517	Earpiece with In-Line PTT & Microphone	$25.00
X		X					56518	Earpiece with Boom Microphone	$25.00
					X	X	7580372E11	Replacement Foam Ear Cushion (for use with BDN6720)	$1.80
	X				X	X	BDN6646	Ear Microphone with PTT Interface Module	$461.00
	X				X	X	BDN6720	Flexible Ear Receiver, Black - Earpiece without Volume Control (flexible earloop & speaker that rests external to ear - Resale Packaging through RPSD)	$35.00
X							BDN6774	Earpiece with Microphone (worn over ear with streamlined boom microphone)	$51.00
	X						HKLN4424	CP Swivel Earpiece	$35.00
	X				X	X	HLN9132	Earbud (single wire - Receive only - not recommended for use with PL codes above 225 Hz)	$22.00
X							HMN8435	Earbud with Clip Microphone and PTT (2-wire - transmit & receive)	$40.00
	X				X	X	HMN9036	Earbud with Clip Microphone and PTT, Transmit & Receive (2-wire - not recommended for use with PL codes above 225 Hz - Resale Packaging is also available through RPSD)	$40.00
	X				X	X	HMN9727	Earpiece without Volume Control, Beige (single wire - Resale Packaging available through RPSD)	$36.75
	X				X	X	HMN9752	Earpiece with Volume Control (single wire). Beige	$45.00
	X			X	X	X	HMN9754	2 Piece Surveillance Kit, with Microphone and PTT Combined, Beige (2-wire - rubber eartip style - Resale Packaging available through RPSD)	$114.00
			X				PMLN4294	Earbud with Microphone & PTT Combined	$27.00
			X	X	X	X	PMLN4442	Mag One Earbud with MIC/PTT/VOX Switch	$18.00
			X	X	X	X	PMLN4443	Mag One Ear Receiver with MIC/PTT/VOX Switch	$20.00
				X	X	X	PMLN4444	Mag One Earset Boom Microphone with PTT/VOX	$26.00
			X				PMLN4605	Clear Acoustic Tube	$14.50
			X				PMLN4606	2-Wire Surveillance Kit with Clear Acoustic Tube	$43.00
			X	X	X	X	PMLN5001	D-Style Earpiece with MIC/PTT (2 Pin)	$27.50
	X				X	X	PMMN4001	Ultra-Light Earpiece with Boom Microphone and In-Line PTT	$54.00

Portable Accessories

Ear Pieces

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
	X				X	X	RLN4894	Earpiece without Volume Control, Black (single wire)	$35.00
	X			X	X	X	RLN4895	2 Piece Surveillance Kit, with Microphone and PTT Combined, Black (2-wire - rubber eartip style)	$114.00
			X	X	X	X	RLN4941	Earpiece Receive Only with Translucent Tube	$58.00
	X				X	X	RLN5198_P	2-Wire Surveillance Kit with Clear Comfortable Acoustic Tube, Beige (Resale Packaged)	$125.00
	X			X	X	X	RLN5317	2-Wire Comfort Earpiece with Combined Microphone and PTT, Beige Surveillance Kits with Extended-Wear Comfort Earpieces include a Low Noise enhancement (RLN6232) already attached for extra comfort and convenience.	$120.00
	X			X	X	X	RLN5318	2-Wire Comfort Earpiece with Combined Microphone and PTT, Black Surveillance Kits with Extended-Wear Comfort Earpieces include a Low Noise enhancement (RLN6232) already attached for extra comfort and convenience.	$120.00
				X	X	X	RLN6230	Extreme Noise Kit - Includes 2 foam earplugs. For High Noise Environments. Noise Reduction = 24dB. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for use with Surveillance Accessories). Black	$32.00
				X	X	X	RLN6231	Extreme Noise Kit - Includes 2 foam earplugs. For High Noise Environments. Noise Reduction = 24dB. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for use with Surveillance Accessories). Beige	$32.00
				X	X	X	RLN6232	Low Noise Kit - Clear Acoustic Tube Assembly includes 1 Clear Rubber Eartip. For Low Noise Environments. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for used with Surveillance Accessories). Black	$20.00
				X	X	X	RLN6241	Low Noise Kit - Clear Acoustic Tube Assembly includes 1 Clear Rubber Eartip. For Low Noise Environments. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for used with Surveillance Accessories). Beige	$20.00
				X	X	X	RLN6242	Quick Disconnect Acoustic Tube Replacement (each sold separately)	$7.90
		X					RLN6423	Swivel Earpiece Accessory	$35.00

Headsets

VL50	CP110	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
				X	X	3580371E59	Replacement Windscreen (for use with Boom Microphone) for use with BDN6647	$4.05
				X	X	5080371E66	Replacement Ear Pads for use with BDN6647	$6.85
X						53815	Ultra-Light Headset	$34.95
				X	X	BDN6647	Medium Weight Single Muff Headset with Boom Microphone	$151.00
				X	X	PMLN5277	Heavy Duty Headset with Noise Cancelling Boom Microphone, behind-the-head (can be worn with hardhat) - Noise Reduction Rating = 24dB	$525.00
X						BDN6773	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone	$53.00
	X			X	X	HMN9013	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone (Resale Packaging available through RPSD)	$57.00
	X			X	X	HMN9021	Medium Weight Dual Muff Headset, over-the-head, Noise Reduction Rating = 24dB	$237.00
	X			X	X	HMN9022	Medium Weight Dual Muff Headset, behind-the-head (can be worn with hardhat), Noise Reduction Rating = 24dB	$300.00
		X	X	X	X	PMLN4445	Mag One Headset with PTT/VOX Switch	$30.00
	X	X	X	X	X	PMLN5003	Retail Temple Transducer	$79.00
	X	X		X	X	PMLN5011	Temple Transducer (2 Prong)	$159.00
	X			X	X	REX4648	Replacement Windscreen (for use with Boom Microphone) and Foam Ear Pad	$7.20
				X	X	RKN4090	Adapter Cable for Racing Headset (for use with RMN5015)	$100.00
				X	X	RKN4094	Adapter Cable with In-Line PTT (for use with RMN4051 Headset)	$184.00
	X			X	X	RLN5238	Football Style Lightweight Single Muff Headset with In-Line PTT	$125.00
	X			X	X	RLN5411	Ultra-Light Headset, behind-the-head with In-Line PTT and Boom Microphone	$60.00

Portable Accessories

Headsets

VL50	CP110	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
				X	X	RLN5500	Accessory Retainer Clip	$10.75
	X			X	X	RMN4016	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone and In-Line PTT - Intrinsically Safe (FM)	$76.00
				X	X	RMN4051	2-Way Hard-Hat Mount Headset, Black - Noise Reduction Rating = 22dB (requires adapter cable RKN4094)	$225.00
				X	X	RMN5015	Racing Headset - with Noise Cancelling Swivel Boom Microphone used by pit crews on the CART racing circuit.Can be worn with hardhat.Noise Reduction Rating = 24dB (adapter cable required and sold separately)	$600.00
	X			X	X	RMN5047	Football Style Heavy Duty Headset	$225.00

Microphones

VL50	CP110	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
		X	X	X	X	AARLN4885	Receive-Only Foam Earbud with 3.5mm plug to be used with Remote Speaker Microphone	$25.00
X						HMN9051	Remote Speaker Microphone with Coiled Cord and Swivel Clothing Clip	$57.75
		X	X	X	X	PMLN4620	Receive Only D- Shell Earpiece for Remote Speaker Microphone Only 3.5mm Adaptor	$19.00
	X		X	X	X	PMMN4013	Remote Speaker Microphone with Ear Jack, Coiled Cord and Swivel Clothing Clip Intrinsically Safe (FM)	$73.50
			X	X	X	PMMN4008	Remote Speaker Microphone	$31.00
	X		X	X	X	PMMN4029	Remote Speaker Microphone with IP57 Rating, Coiled Cord and Swivel Clothing Clip Intrinsically Safe (FM)	$75.00
		X				PMMN4077	Remote Speaker Microphone - Mag One	$31.00
		X	X	X	X	WADN4190	Ear Receiver with Coil Cable Remote Speaker Microphone Only 3.5mm Adapter	$43.00

Service

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
		X					0105950U15	DTR Serial Data Cable CPS/RSS	$30.00
					X	X	01009422001	120 Volt - Wall Mount Power Supply Supplies power to the RIB. Order power supply for radio separately.	$24.25
					X	X	3080369B72	9 Pin PC to Radio Interface Box Cable (IBM AT or compatible)	$52.00
		X					53968	Cloning Cable	$29.95
				X			68007024004	CP185 Basic Service Manual	$25.00
			X				6816986H01	BPR 40 Basic Service Manual (only available for download in MOL).	$0.00
					X	X	6880309N61	CP150/CP200 Basic Service Manual	$12.00
					X	X	AAPMKN4004	Programming & Test Cable - Programming cables require a Radio Interface Box (RIB), also compatible with RLN4460 used for radio testing.	$50.00
			X	X			PMDN4040_R	Test Box	$115.00
			X	X			PMDN4041_R	RF Adapter	$21.25
			X				PMDN4042_R	Battery Eliminator	$95.00
			X				PMDN4043_R	BPR 40 Programming/Test Cable	$25.00
			X				PMDN4054_R	Grounding Plate	$26.25
			X				PMDN4060_R	BPR 40 Cloning Cable	$9.05
				X			PMDN4076_R	Cloning Cable	$11.00

Portable Accessories

Service

VL50	CP110	DTR650	BPR40	CP185	CP200	CP200XLS	Model No	Description	MSRP
				X			PMDN4077_R	USB Programing Cable	$52.10
	X						RKN4155	CP110 USB Programming Cable	$50.00
					X	X	RLN4008	Radio Interface Box (RIB) Voltage Level Shifter to enable communications between radio and computer's RS232 communications adapter. Requires wall mount power serial supply or 10-18 VDC power sources.	$200.00
					X	X	RLN4460	Test Box for Portables and Mobiles	$395.00
					X	X	RLN5583	Flash Upgrade Adapter	$99.75
	X						RLN6303	CP110 Cloning Cable	$20.00
					X	X	RVN4191	Portable & Mobile Programming Software (CPS) - 3 Year Subscription*	$199.00
		X					RVN5080	DTR Computer Programming Software (CPS) - Available for free download on MOL	$0.00
			X				RVN5081	BPR 40 CPS Software (CD) - 3 Year Subscription	$299.00
	X						RVN5149	CP110 CPS Software (CD) - 3 year Subscription. * Note: CP110 MURS CPS is only available for download on MOL at no charge ($0)	$299.00
.				X			RVN5194	CP185 CPS and Tunning Software (CD) - 3 Year Subscription	$299.00

Portable Accessories

Portable Graphics

HLN8255
3” Spring Action
Belt Clip

HLN9985
Waterproof Bag

TDN9327/TDN9373
Portable Radio Hanger

HLN6602
Universal Chest pack

HMN9013
Lightweight Single Muff
Adjustable Headset with Swivel
Boom Microphone

HMN9021
Medium Weight Dual Muff
Headset. Over-the-head

BDN6647
Medium Weight Single Muff
Headset with Boom Microphone

HMN9022
Medium Weight Dual
Muff Headset.
Behind-the-Head

BDN6648
Heavy Duty Headset with
Noise Cancelling Boom
Microphone

BDN6646
Ear Microphone
With PTT Interface

BDN6720
Flexible Ear
Receiver-Earpiece without
Volume Control

HMN9036
Ear bud with Clip
Microphone & PTT

HLN9132
Ear bud

CM200™ Mobile

The CM200 is ideal for retail, hospitality, manufacturing, delivery services and taxi and limousine companies. Its powerful 4W speaker is forward facing for superior clarity. Three color LED indicators (red, yellow, green) show visible feedback of transmit, scan and monitor status.

Standard Package Includes:

- Standard Microphone (Compact Mic. with Transmit LED, Hang-Up Clip & 7 Ft. Coil Cord - HMN3413)
- Standard Installation Bracket (Low Profile Mounting Bracket - GLN7324)
- Standard Power Cable (HKN4137_R)
- Safety Booklet
- Two (2) Year Warranty

Product Features:

- 4 Channels
- Audio Indicator Tones
- Time-Out Timer
- 2 Programmable Buttons
- Single Priority Scan
- Quik Call II™ Call Alert/Selective Call (Decode)
- MDC1200 PTT ID (Numeric ID - Encode)

Programmable Features:

- Escalert
- Local/Distance Mode
- Repeater / Talkaround
- Silent Monitor
- Volume Set
- High/Low Power
- Nuisance Channel Delete
- Scan On/Off
- Tight / Normal Squelch
- VOX On / Off

Default Frequencies:

VHF	UHF
151.625	464.500

Frequency Not Allowed:

444.860

Models

Model #	Band Split	Band	Power	Conv Chan	Display	MSRP
AAM50KNC9AA1_N	146-174 MHz	VHF	25W	4	N/A	$474.00
AAM50KQC9AA1_N	146-174 MHz	VHF	45W	4	N/A	$535.00
AAM50RNC9AA1_N	438-470 MHz	UHF	25W	4	N/A	$526.00
AAM50RPC9AA1_N	438-470 MHz	UHF	40W	4	N/A	$586.00

CM200™ Mobile

Configuration Options

Options	Description	MSRP
STDPKG0019	Standard Microphone (Compact Microphone with Transmit LED, Hang-Up Clip & 7 Ft. Coil Cord - HMN3413)	$0.00
G171	Heavy Duty Microphone & Hang-Up Clip (HMN1035 & HLN9073)	$31.00
G172	Enhanced Keypad Microphone & Hang-Up Clip (RMN5029)	$51.00
G311	Omit Microphone	-$15.00

General Options

Options	Description	MSRP
G400	1 Year Repair Service Advantage	$34.00
G24	2 Year Repair Service Advantage	$65.00
G398	3 Year Repair Service Advantage	$97.00

Repair Service Advantage

RSA provides 1, 2 or 3 years of extended hardware repair coverage beginning after the standard warranty period expires. Repairs will be made only at the designated Motorola repair depot. Local services are not included. Motorola will pay the inbound shipping charges only with use of the Motorola designated delivery service. Motorola will pay for outbound shipping via Motorola's normal shipping methods. No discounts are allowed on this option.

For technical training on Motorola products, please visit: www.motorola.com/government/techtraining

FCC/IC Information:

VHF (1-25W): AZ492FT3805 / 109U-92FT3805
VHF (25-45W): ABZ99FT3046 / 109AB-99FT3046
UHF (1-25W): AZ492FT4856 / 109U-92FT4856
UHF (25-40W): ABZ99FT4048 / 109AB-99FT4048

Environmental Specifications:

Operating Temperature: -30° to +60° C
Sealing: IP54

CM300™ Mobile

The CM300 is ideal for retail, hospitality, manufacturing, delivery services and taxi and limousine companies. The powerful 4W speaker is forward-facing for superior clarity. Three color LED indicators (red, yellow, green) show visible feedback of transmit, scan and monitor status. With its 8-character alphanumeric display, 4 programmable buttons and 32 channels, this radio supports access to an expanded feature set for a large workforce.

Standard Package Includes:

- Standard Microphone (Compact Mic. with Transmit LED, Hang-Up Clip & 7 Ft. Coil Cord - HMN3413)
- Standard Installation Bracket (Low Profile Mounting Bracket - GLN7324)
- Standard Power Cable (HKN4137_R)
- Safety Booklet I
- Two (2) Year Warranty

Product Features:

- 32 Channels
- 4 Programmable Buttons
- 8-Character Alpha-Numeric Display
- Customizable Audio Indicator Tones
- Dual Priority Scan
- Time-Out Timer
- System Scan and Auto Scan (Up to 16 lists)
- Single and Dual Priority Scan
- Revert Scan
- Quik Call II™ Call Alert/Selective Call (Decode)
- MDC1200 PTT ID (Numeric ID - Encode)
- Selective Radio Inhibit (Decode)
- Option Board Expandability

Programmable Features:

- Escalert
- Local/Distance Mode
- Repeater / Talkaround
- Silent Monitor
- Volume Set
- High/Low Power
- Nuisance Channel Delete
- Scan On/Off
- Tight / Normal Squelch
- VOX On / Off

Default Frequencies:

VHF	UHF
151.625	464.500

Frequency Not Allowed:

444.860

Models

Model #	Band Split	Band	Power	Conv Chan	Display	MSRP
AAM50KNF9AA1_N	146-174 MHz	VHF	25W	32	Yes	$535.00
AAM50KQF9AA1_N	146-174 MHz	VHF	45W	32	Yes	$595.00
AAM50RNF9AA1_N	438-470 MHz	UHF	25W	32	Yes	$586.00
AAM50RPF9AA1_N	438-470 MHz	UHF	40W	32	Yes	$647.00

CM300™ Mobile

Configuration Options

Options	Description	MSRP
STDPKG0019	Standard Microphone (Compact Microphone with Transmit LED, Hang-Up Clip & 7 Ft. Coil Cord - HMN3413)	$0.00
G171	Heavy Duty Microphone & Hang-Up Clip (HMN1035 & HLN9073)	$31.00
G172	Enhanced Keypad Microphone & Hang-Up Clip (RMN5029)	$51.00
G311	Omit Microphone	-$15.00

General Options

Options	Description	MSRP
G400	1 Year Repair Service Advantage	$34.00
G24	2 Year Repair Service Advantage	$65.00
G398	3 Year Repair Service Advantage	$97.00

Repair Service Advantage

RSA provides 1, 2 or 3 years of extended hardware repair coverage beginning after the standard warranty period expires. Repairs will be made only at the designated Motorola repair depot. Local services are not included. Motorola will pay the inbound shipping charges only with use of the Motorola designated delivery service. Motorola will pay for outbound shipping via Motorola's normal shipping methods. No discounts are allowed on this option.

For technical training on Motorola products, please visit: www.motorola.com/government/techtraining

FCC/IC Information:

VHF (1-25W): AZ492FT3805 / 109U-92FT3805
VHF (25-45W): ABZ99FT3046 / 109AB-99FT3046
UHF (1-25W): AZ492FT4856 / 109U-92FT4856
UHF (25-40W): ABZ99FT4048 / 109AB-99FT4048

Environmental Specifications:

Operating Temperature: -30° to +60° C
Sealing: IP54

Mobile Accessories

Antennas

CM200	CM300	Model No	Description	MSRP
X	X	HAD4006	VHF 1/4 Wave Through-hole Mount Antenna, 136-144 MHz	$19.50
X	X	HAD4007	VHF 1/4 Wave Though-hole Mount Antenna, 144-150.8 MHz	$19.50
X	X	HAD4008	VHF 1/4 Wave Through-hole Mount Antenna, 150.8-162 MHz	$19.50
X	X	HAD4009	VHF 1/4 Wave Through-hole Mount Antenna, 162-174 MHz	$19.50
X	X	HAE4003	UHF 1/4 Wave Through-hole Mount Antenna, 450-470 MHz	$21.50
X	X	RAD4000	Antenna Only (less cable & install hardware) - Standard Duty, 136-174 MHz	$50.00
X	X	RAD4000AMB	VHF 3dB Gain Magnetic Mount Antenna, 140-174 MHz	$80.50
X	X	RAE4004AMB	UHF 5dB Gain Magnetic Mount Antenna, 440-470 MHz	$109.25
X	X	RAE4004ARB	UHF 5dB Gain Through-hole Mount Antenna, 450-470 MHz	$92.00

Mobile Accessories

Control Station

CM200	CM300	Model No	Description	MSRP
X	X	HKN4139	12V Power Cable for Low Power Control Station 1-25W	$21.00
X	X	HKN9455	12V Power Cable for High Power Control Station 25-60W	$22.00
X	X	HPN4007	Power Supply and Cable (1-60 Watt Models)	$296.00
X	X	HPN4008	Power Supply and Cable (1-25 Watt Models)	$264.00
X	X	RLN5390	Desktop Tray with Speaker	$81.00
X	X	RLN5391	Desktop Tray without Speaker	$51.50
X	X	RMN5068	Desk Microphone, Black	$120.00

General Accessories

CM200	CM300	Model No	Description	MSRP
X	X	GLN7282	Alarm Buzzer	$46.25
X	X	HLN9328	External Alarm Relay Cable - Horn & Lights	$55.00
X	X	HSN8145	7.5 Watt External Speaker - for Receiver Audio	$47.50
X	X	RSN4001	13 Watt External Loudspeaker	$66.00

Handsfree

CM200	CM300	Model No	Description	MSRP
X	X	AARMN4027	Visor Mounted Microphone	$57.25
X	X	RLN4836_R	Emergency Footswitch	$61.75
X	X	RLN4856	Footswitch PTT	$61.75
X	X	RLN4857	Pushbutton PTT	$38.50
X	X	RLN4858	Gooseneck PTT	$76.00

Installation

CM200	CM300	Model No	Description	MSRP
X	X	HKN4137	Power Cable to Battery (10 feet, 15 amp)	$18.00
X	X	HKN4191	20 Amp High Power Cable to Battery	$18.00
X	X	HKN9327_R	Ignition Switch Cable (CM200 & CM300 requires HLN9242)	$15.00
X	X	HLN9242	16-Pin Accessory Kit with Expanded Connector for CM/SM/M1225. Includes 9 wires with lugs, 1 connector housing, 16 crimping terminals, 2 tie straps, and 1 extraction tool	$16.00

Microphones

CM200	CM300	Model No	Description	MSRP
X	X	AAREX4617	Telephone Style Handset with Hang-Up Cup	$132.00
X	X	HLN9073	Microphone Hang-Up Clip (all microphones)	$1.10
X	X	HLN9414	Universal Hang-Up Clip (all microphones)	$11.00
X	X	HMN1035	Heavy Duty Palm Microphone with 10.5 Ft. Coil Cord	$81.50
X	X	HMN3413	Compact Microphone with 7 Ft. Coil Cord & Hang-Up Clip	$39.50
X	X	HMN3596	Compact Microphone with 7 Ft. Coil Cord	$38.50
X	X	RMN5029	Enhanced Keypad Microphone & Hang-Up Clip	$88.50

Mobile Accessories

Mounting

CM200	CM300	Model No	Description	MSRP
X	X	GLN7317	High Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	$21.00
X	X	GLN7324	Low Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	$13.25
X	X	HLN9227	8" Goose Neck Mounting Bracket	$28.75
X	X	RLN4779	Key Lock Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	$48.00

Public Address

CM200	CM300	Model No	Description	MSRP
X	X	HKN9324_R	15 Ft. Public Address & Speaker Cable (one cable per speaker)	$44.00
X	X	HSN1006	External Speaker for Car Kit	$104.00
X	X	RLN5288	Public Address Kit - Includes Interface Cable (requires HSN1006 speaker)	$419.00

Service

CM200	CM300	Model No	Description	MSRP
X	X	0180357A57	120 Volt - Wall Mount Power Supply Supplies power to the RIB. Order power supply for radio separately.	$24.25
X	X	3080070N01	Programming Cable (connection from RIB to radio)	$65.25
X	X	3080369B71	25 Pin PC to Radio Interface Box Cable (IBM XT or compatible)	$62.00
X	X	3080369B72	9 Pin PC to Radio Interface Box Cable (IBM AT or compatible)	$52.00
X	X	6680334F39	Allen Wrench for Antenna Connector Set Screw	$5.00
X	X	6680388A26	Mobile Crimping Tool	$45.00
X	X	6802966C15	CM200/CM300/PM400 Basic Service Manual	$18.00
X	X	6802966C20	CM200/CM300/PM400 VHF Detailed Service Manual	$25.00
X	X	6881098C00	CM200/CM300/PM400 UHF Detailed Service Manual	$26.25
X	X	AARKN4081	Programming Cable with Internal RIB (direct connection from computer to radio microphone connector)	$150.00
X	X	AARKN4083	Programming Cable (allows radio programming via rear accessory connector)	$74.00
X	X	FKN8096	Flash/Data Adapter (for use with AARKN4081 or 3080070N01)	$54.00
X	X	FKN8113	Adapter Cable (for use with AARKN4083)	$43.00
X	X	RLN4008	Radio Interface Box (RIB) Voltage Level Shifter to enable communications between radio and the computer's RS232 communications adapter. Requires the wall mount power serial supply or 10-18 VDC power sources.	$200.00
X	X	RLN4460	Test Box for Portables and Mobiles Enables connection to the universal connector. Allows switching for radio testing.	$395.00
X	X	RVN4191	Portable & Mobile Programming Software (CPS) - 3 Year Subscription Package - Portables require AAPMKN4004 Programming/Test Cable.*	$199.00

Trident PassPort Data

CM200	CM300	Model No	Description	MSRP
		RRDN6968	Universal AVL Data Cable Kit Note: Includes GPS antenna, mobile interface adaptor (RIM/RAM), with open cable terminations for use with non-Motorola mobiles. Requires field provided mobile accessory connector.	$408.00
X	X	RRDN6993	PRAM Programming Cable Note: At least one PRAM (Programming Radio AVL Module) is required per system to program RIM/RAM module.	$528.00
X	X	RRDN7491	AVL Data Cable Kit Note: Includes GPS antenna, mobile interface module (RIM/RAM), and accessory connector for use with CM200 and CM300 mobiles.	$406.00

Mobile Accessories

Mobile Graphics

 HMN1035 Heavy Duty Palm Mic With 10.5 Ft. Coil Cord	 HLN9414 Universal Hang-Up Clip
 HLN9227 8” Goose Neck Mounting Bracket	 HMN3000 Desk Microphone

VXR7000™

The VXR-700 is a commercial quality 50- watt FM repeater designed to provide reliable, continuous- duty two-way communications over a wide range of environmental conditions. Designed to be a stylish base station, with high- grade components utilized throughout, the VXR-7000 utilizes the latest computer-aided design and manufacturing processes to ensure a high level of reliability for users.

Product Features:

- 12.5/25 kHz Switchable Channel Spacing
- 16 Channels
- Output Power 10~50 Watts Adjustable
- Programmable Busy Channel Lock Out
- Programmable Busy Timer Lock Out
- CWID
- CTCSS / DCS Codes
- Automatic DC Power Supply Back Up
- 100% Continuous Duty Cycle

Repeater Package Items:

- Untuned duplexers for the VXR-7000 are available.
- The duplexers must be order separately.
- The desktop microphone must be ordered separately.
- Repeater CPS is downloadable from MOL.

Return Policy

- VXR-7000 repeaters are supported by the Motorola Return Policy. All products must be returned with factory box, packing materials, owner's manual & warranty cards.
- Contact Motorola Customer Service at 1-800-927-2744 for a Return Authorization Form.

Warranty Policy:

- Repeater Warranty is 3 Years.
- For warranty repair, repeater must be sent to Vertex Standard directly.
- A Warranty Service Authorization form can be found on MOL for further instruction, and must accompany the unit.
- Vertex Accessory warranty is 1 year.
- For warranty, please contact Motorola Customer Service at 1-800-927-2744 for a warranty replacement order.

Service Repair Policy

- VXR-7000 repeaters are supported by Motorola's 45 Day DOA Policy. Contact Motorola Customer Service at 1-800-927-2744 for 45 Day DOA.
- Repeater non-warranty repair is handled directly through Vertex Standard. A Service Authorization form can be found on MOL and must accompany the unit.
- All services charges will require credit card payment.

Post Sales Support

All post sales technical inquiries and support needs should contact Vertex Standard directly at 1-800-2Vertex. All calls to Motorola will be handed off to Vertex.

The available channel stepping frequency ranges for the VXR-7000 are 2.5kHz, 5kHz, 6.25kHz, 10kHz, and 12.5kHz

Models

Model #	Band Split	Band	Power	Conv Chan	MSRP
A13670010	150-174 MHz	VHF	50W	16	$1,650.00
A13680014	450-480 MHz	UHF	50W	16	$1,650.00

VXR7000™

Configuration Options

Options	Description	MSRP
AAF13X001	MD-12A8J Mobile Desktop Microphone	$102.00

General Options

Options	Description	MSRP
XUFIP0002	VHF Duplexer for VXR-7000, 148-160 MHz (Untuned)	$410.00
XUFIP0001	UHF Duplexer for VXR-7000, 440-480 MHz (Untuned)	$410.00
AAA21X001	CT-68 Duplexer Installation Cable Kit (required if duplexer is ordered)	$63.00
A06420002	VPL-1 Programming Cable	$87.00

MC1000™/MC2000™/MC2500™

The MC Series Desktop Controllers allow remote access to the functions of a compatible station (base station, repeater, or control station). These desktop controllers support tone, and E&M signaling for keying and control of stations.

All MC1000, MC2000 and MC2500 Models Include:

- 4 Frequency Station Control
- Push-to-Talk Handset
- 2 or 4 Wire
- LOTL/LOBL
- Black Color
- Volume Control / Transmit LED
- Monitor Switch
- 120V AC - 60 Hz Power Supply
- Supervisory Takeover or Line Select
- Operator Cross Mute
- Intercom
- LTR® Compatible
- Service Manual
- One Year Warranty

MC2000 MC2500 MC1000

MC2000/MC2500 Additional Features:

- 18 Programmable Buttons
- 2 Line x 20 Character Backlit Display
- Multi-Frequency Capability - up to 16 freq. on Tone
- 110V/220V AC - 50/60 Hz Power Supply
- MDC Features:
  - PTT Unit ID (Encode/Decode)
  - Voice Selective Call (Encode/Decode
  - Call Alert/Short Call Alert (Encode/Decode)
  - Status Message (Decode)
  - Radio Enable/Disable (Encode)
  - Radio Check (Encode)
  - Emergency Alarm (Decode)
  - Recent User Stack – Stores last nine records
- RS232 Port - Allows RSS programming via computer or the logging of MDC1200 inbound/outbound Serial Printer Port activity for permanent record keeping on a serial printer.
- Paging Encode- Allows you to selectively call a page, portable or mobile unit and eliminate the need to purchase a stand alone 5 Tone, 6 Tone, Digital Dial, Reach 1+1, GE 99, NEC 5 & 6, DTMF or Custom A and B tones.
- Aux I/O's
- Securenet Coded/Clear Operation -Supports positive mode control (Tone)

MC2500 Only Additional Features:

- 4 Base Station Control - Capable of controlling 4 Tone channels or 3 Tone channels and 1 DC channel.
- Also capable of E & M control on all channels. Use of a Tone or DC Remote Adapter is required when connected to a mobile in a tray
- Connector for Unselect Speaker
- Individual Volume Control
- Dedicated Logging Recorder Output
- Radio Patch
- Multi - Select
- Multi -Tasking
- All Mute

DC and Tone Remote Control Models Only:

- For DC and Tone Remote Control: If base is not remote capable, a Remote Adapter is required (see L3276 & L3277).
- The L3213 Desksets support channel steering between 4 talkgroups over conventional or LTR® Trunking Systems.
- The L3216 and L3217 Desksets support channel steering between 15 talkgroups over conventional or LTR® Trunking Systems.

Models

Model #	Model Description	MSRP
L3213	MC1000 Tone Remote Control - 4 Frequency Maximum, 2-Wire or 4-Wire	$545.00
L3216	MC2000 Tone Remote Control - 16 Frequency Maximum, 2-Wire or 4-Wire, Parallel Status Updating	$1,300.00
L3217	MC2500 Multi-Channel Remote Control	$2,482.00

MC1000™/MC2000™/MC2500™

General Options

Options	Description	MSRP
L3276	Tone Remote Adapter	$695.00
L3277	DC Remote Adapter	$552.00
DDN6516	Headset Jackbox - adds headset capacity	$110.00
DDN6668	Single Footswitch	$94.00
HLN9457	Hardware Kit for use with the Expanded Accessory Connector	$6.95
DDN6337	Junction Box	$399.00
DDN6338	Radio Interface Cable (10 Ft.) for use with MaxTrac	$72.00
DDN6340	Generic Radio Cable (10 Ft.) - unterminated, bare leads	$50.00
DDN6481	Punch Block with Spark Gap	$405.00
DDN6341	110VAC Transformer for MC1000 models	$69.00
DDN6342	110/220VAC - 50/60 Hz Power Supply for MC2000 and MC3000 models	$219.00
DDN6339	110/220VAC - 50/60 Hz Power Supply for MC2500 models	$198.00
DDN7066	110/220VAC - 50/60 Hz Power Supply for L3276 & L3277 Remote Adapters	$195.00
RVN4178	Radio Service Software (includes CD-ROM)	$265.00
DDN6367	Radio Service Software Cable AT (DB9)	$35.00

Notes

- Intercom - Allows communication between desksets without accessing the radio frequency
- Up to 10 remotes can be used in parallel.
- MC Series remotes are not compatible with 900 MHz MaxTrac Mobiles.
- MC2000 and MC2500 units require RSS programming software.
- MC2500 unselect speaker port supports a passive speaker only.
- For unexpected out-of-box failures or quality issues, the MC Series and MC3000 must be returned for warranty repair. Please refer to the user's manual. Units will be replaced if they are sent in a total of 3 times and continue to exhibit the same problem.
- For L3276 & L3277, radio interface cable not included. Must be ordered separately.
- For technical training on Motorola products, please visit: www.motorola.com/government/techtraining

Non-Current Radio Accessories

Antennas

CP100	CP125	CP150	Model No	Description	MSRP
	X		8504762J02	VHF Helical Antenna, 155-174 MHz (14cm)	$13.50
		X	HAD9742	VHF Stubby Antenna, 146-162 MHz	$10.75
		X	HAD9743	VHF Stubby Antenna, 162-174 MHz	$10.75
	X	X	NAD6502_R	VHF Heliflex Antenna, 146-174 MHz	$11.75
	X	X	NAE6483_R	UHF Whip Antenna, 403-520 MHz	$11.75
		X	NAE6522_R	UHF Heliflex Stubby Antenna, 438-470 MHz	$12.25
	X		PMAD4012	VHF Stubby Antenna, 136-155 MHz (Red Color Code)	$13.25
	X		PMAD4013	VHF Stubby Antenna, 155-174 MHz (Black Color Code)	$13.25
	X		PMAD4027	VHF Helical Antenna, 136-155 MHz (15cm)	$8.00
	X		PMAE4003	UHF Stubby Antenna, 430-470 MHz (9cm)	$11.25
	X		PMAE4011	UHF Stubby Antenna, 435-480 MHz (10cm)	$8.00

NOTE: Stubby antennas will reduce range

Non-Current Radio Accessories

Batteries

CP100	CP125	CP150	Model No	Description	MSRP
X			NNTN4190	NiMH, 1500 mAh, 4.8V Battery	$29.99
		X	NNTN4496_R	NiCd. 950 mAh Minimum and 1100 mAh Typical, 7.2V Battery	$60.00
		X	NNTN4497_R	Li-ion, 2250 mAh, 7.5V Battery (only comp. with WPLN4138_R & WLN4161_R)	$85.00
		X	NNTN4851	NiMH, 1400 mAh, 7.5V Battery (comp. with WPLN4138_R & WLN4161_R)	$63.00
		X	NNTN4970	Slim Li-ion, 1600 mAh, 7.2V Battery (comp. with WPLN4138_R & WLN4161_R)	$105.00
	X		PMNN4063_R	NiMH, 1500 mAh, 7.2V Battery	$45.00
	X		PMNN4078_R	Li-ion, 1500 mAh, 7.2V Battery	$50.00

Call Boxes - A1

CP100	CP125	CP150	Model No	Description	MSRP
		X	RRDN4362	Solar Wall or Pole Mounted	$2,565.00
		X	RRDN4363	AC/DC Wall or Pole Mounted	$2,465.00
		X	RRDN4365	Solar Powered with Aluminum Stanchion (A1010) w/o Base Pedestal	$3,395.00
		X	RRDN4366	AC/DC Powered with Aluminum Stanchion (A1010) w/o Base Pedestal	$3,295.00
.	.	X	RRDN4444	A1A1010 Base Pedestal	$450.00

Call Boxes - A106.5

CP100	CP125	CP150	Model No	Description	MSRP
		X	RRDN4588	Solar Powered w/o Base Pedestal	$2,795.00
.	.	X	RRDN4589	AC/DC Powered w/o Base Pedestal	$2,695.00
.	.	X	RRDN7776	A106.5 Base Pedestal	$450.00

Call Boxes - A1410

CP100	CP125	CP150	Model No	Description	MSRP
		X	RRDN4369	Solar Powered w/o Base Pedestal	$3,400.00
.	.	X	RRDN4370	AC/DC Powered w/o Base Pedestal	$3,300.00
.	.	X	RRDN4447	A1410 Base Pedestal	$450.00

Call Boxes - A144

CP100	CP125	CP150	Model No	Description	MSRP
		X	RRDN4590	Solar Wall or Pole Mounted	$3,275.00
.	.	X	RRDN4591	AC/DC Wall or Pole Mounted	$3,175.00

Call Boxes - A1510

CP100	CP125	CP150	Model No	Description	MSRP
.	.	X	RRDN7777	Solar Powered w/o Base Pedestal	$3,445.00
.	.	X	RRDN7778	Solar Powered w/o Base Pedestal, with Public Address System (PA)	$4,000.00
.	.	X	RRDN7779	AC/DC Powered w/o Base Pedestal	$3,345.00
.	.	X	RRDN7780	AC/DC Powered w/o Base Pedestal, with Public Address System (PA)	$3,910.00
.	.	X	RRDN7781	A1510 Base Pedestal	$348.00

Non-Current Radio Accessories

Call Boxes - A1510

CP100	CP125	CP150	Model No	Description	MSRP
.	.	X	RRDN7782	A1410 Solar Powered w/o Base Pedestal, with Public Address System (PA)	$3,745.00

Call Boxes - ACB

CP100	CP125	CP150	Model No	Description	MSRP
		X	RRDN4367	Solar Wall or Pole Mounted	$2,775.00
.	.	X	RRDN4368	AC/DC Wall or Pole Mounted	$2,675.00

Call Boxes - Mass Notification System

CP100	CP125	CP150	Model No	Description	MSRP
.	.	X	RRDN7783	Mass Notification System	$1,945.00

Carry Cases

CP100	CP125	CP150	Model No	Description	MSRP
	X	X	4280384F89	Universal RadioPAK™ Extension Belt for waist larger than 40"	$5.00
		X	HLN6602	Universal Chest Pack with Radio Holder, Pen Holder & Velcro Secured Pocket	$38.00
		X	HLN8255	3" Spring Action Belt Clip	$6.00
		X	HLN9701	Nylon Case with Belt Loop (Resale Packaging available through RPSD)	$24.00
	X		HLN9844	2" Spring Belt Clip	$11.50
	X	X	HLN9985	Waterproof Bag, includes large carrying strap	$36.00
X			NNTN4020	Leather Case	$30.95
X			NNTN4106	Swivel Belt Holster	$14.99
	X	X	RLN4815	Universal RadioPAK™ & Utility Case (fanny pack)	$45.00
		X	RLN5383	Leather Case with Belt Loop (for use with Non-Display models)	$39.00
		X	RLN5384	Leather Case with 2.5" Swivel (for use with Non-Display models)	$45.00
		X	RLN5385	Leather Case with 3" Swivel (for use with Non-Display models)	$45.00
		X	RLN5644	2" Spring Action Belt Clip	$6.00
		X	TDN9327	Portable Radio Hanger - for door panels up to 2.75" (slides over and hangs from the door panel in vehicle). Radio Belt Clip is required for use.	$28.50
		X	TDN9373	Portable Radio Hanger - for door panels from 2.75" to 3.25" (slides over and hangs from the door panel in vehicle). Radio Belt Clip is required for use.	$18.00

Chargers

CP100	CP125	CP150	Model No	Description	MSRP
	X	X	EPNN7997	10 Hour Plug In Charger (plugs into radio accessory connector - for use with NNTN4496_R NiCd battery only)	$6.30
	X	X	EPNN9288	90-134V, Switch Mode Power Supply with NA/LA Country Plug	$24.00
X			NNTN4019_R	Drop In Charging Tray (requires NNTN4077 plug in charger)	$27.95
X			NNTN4028_R	120 Volt - 6 Unit - 7 Hour Charger (provides radio cloning capability)	$273.95
X			NNTN4075_R	120 Volt - 2 Hour Drop In Charger	$69.95
X			NNTN4077	120 Volt - 10 Hour Plug In Charger (plugs into radio side connector jack or into drop in charging tray)	$12.95
	X		PMLN5200	120V - Rapid Charger Kit with Switch Mode Power Supply (includes EPNN9288 and PMTN4086)	$43.00

Non-Current Radio Accessories

Chargers

CP100	CP125	CP150	Model No	Description	MSRP
	X		PMTN4073	120V - 13 Hour Wall Charger	$6.30
	X		PMTN4086	Rapid Charger Base	$30.75
	X		PMTN4087	120V - Rapid Charger Kit (includes EPNN7994 & PMTN4086)	$34.75
	X		RLN4940	120V - Slow Desktop Charger Kit (includes EPNN7997 & WPLN4203)	$27.00
	X		RLN5795	110V Rapid Rate Multi Unit Charger	$420.00
		X	RLN6296	120V - 6 Unit - Multi Unit Charger Conversion Kit (single unit chargers sold separately, kit includes charger base and power supply only)	$276.00
		X	WPLN4138_R	120V - 90 Minute Rapid Rate Charger with Switch Mode Power Supply (includes EPNN9288 and WPLN4137)	$57.75
		X	WPLN4161_R	120 Volt - 6 Unit Rapid Rate Charger	$450.00
	X		WPLN4203	Slow Desktop Charger Base	$24.00

Ear Pieces

CP100	CP125	CP150	Model No	Description	MSRP
		X	0180300E83	Body Switch Push to Talk for Ear Microphone System	$159.00
		X	0180358B33	Medium Earholder for Ear Microphone System, Black (For securing ear microphone in ear) - Additional sizes & colors available.	$20.00
		X	0180358B38	Finger Push to Talk Switch for Ear Microphone System - Intrinsically Safe (FM)	$52.50
		X	5080369E39	Extra Loud Earphone, Beige (exceeds OSHA limits)	$36.75
		X	5080370E91	Extra Loud Earphone, Black (exceeds OSHA limits)	$36.75
		X	5080370E97	Replacement Rubber Eartips, Clear - Pack of 25 (for use with RLN6232, RLN6241)	$29.25
		X	5080384F72	Replacement Foam Plugs-Pack of 50 (for use with RLN6230, RLN6231), Noise Reduction Rating = 24dB	$47.25
		X	7580372E11	Replacement Foam Ear Cushion (for use with BDN6720)	$1.80
		X	BDN6646	Ear Microphone with PTT Interface Module	$461.00
		X	BDN6720	Flexible Ear Receiver, Black - Earpiece without Volume Control (flexible earloop & speaker that rests external to ear - Resale Packaging through RPSD)	$35.00
X			BDN6774	Earpiece with Microphone (worn over ear with streamlined boom microphone)	$51.00
		X	HLN9132	Earbud (single wire - Receive only - not recommended for use with PL codes above 225 Hz)	$22.00
X			HMN8435	Earbud with Clip Microphone and PTT (2-wire - transmit & receive)	$40.00
		X	HMN9036	Earbud with Clip Microphone and PTT, Transmit & Receive (2-wire - not recommended for use with PL codes above 225 Hz - Resale Packaging is also available through RPSD)	$40.00
		X	HMN9727	Earpiece without Volume Control, Beige (single wire - Resale Packaging available through RPSD)	$36.75
		X	HMN9752	Earpiece with Volume Control (single wire). Beige	$45.00
		X	HMN9754	2 Piece Surveillance Kit, with Microphone and PTT Combined, Beige (2-wire - rubber eartip style - Resale Packaging available through RPSD)	$114.00
	X		PMLN4425	Earset Boom Microphone with Remote Ring PTT	$35.00
	X	X	PMLN5001	D-Style Earpiece with MIC/PTT (2 Pin)	$27.50
		X	PMMN4001	Ultra-Light Earpiece with Boom Microphone and In-Line PTT	$54.00
		X	RLN4894	Earpiece without Volume Control, Black (single wire)	$35.00
		X	RLN4894	Earpiece without Volume Control, Black (single wire)	$35.00
		X	RLN4895	2 Piece Surveillance Kit, with Microphone and PTT Combined, Black (2-wire - rubber eartip style)	$114.00
	X	X	RLN4941	Earpiece Receive Only with Translucent Tube	$58.00
		X	RLN5198_P	2-Wire Surveillance Kit with Clear Comfortable Acoustic Tube, Beige (Resale Packaged)	$125.00

Non-Current Radio Accessories

Ear Pieces

CP100	CP125	CP150	Model No	Description	MSRP
		X	RLN5317	2-Wire Comfort Earpiece with Combined Microphone and PTT, Beige Surveillance Kits with Extended-Wear Comfort Earpieces include a Low Noise enhancement (RLN6232) already attached for extra comfort and convenience.	$120.00
		X	RLN5318	2-Wire Comfort Earpiece with Combined Microphone and PTT, Black Surveillance Kits with Extended-Wear Comfort Earpieces include a Low Noise enhancement (RLN6232) already attached for extra comfort and convenience.	$120.00
		X	RLN6230	Extreme Noise Kit - Includes 2 foam earplugs. For High Noise Environments. Noise Reduction = 24dB. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for use with Surveillance Accessories). Black	$32.00
		X	RLN6231	Extreme Noise Kit - Includes 2 foam earplugs. For High Noise Environments. Noise Reduction = 24dB. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for use with Surveillance Accessories). Beige	$32.00
		X	RLN6232	Low Noise Kit - Clear Acoustic Tube Assembly includes 1 Clear Rubber Eartip. For Low Noise Environments. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for used with Surveillance Accessories). Black	$20.00
		X	RLN6241	Low Noise Kit - Clear Acoustic Tube Assembly includes 1 Clear Rubber Eartip. For Low Noise Environments. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for used with Surveillance Accessories). Beige	$20.00
		X	RLN6242	Quick Disconnect Acoustic Tube Replacement (each sold separately)	$7.90

Headsets

CP100	CP125	CP150	Model No	Description	MSRP
		X	3580371E59	Replacement Windscreen (for use with Boom Microphone) for use with BDN6647	$4.05
		X	5080371E66	Replacement Ear Pads for use with BDN6647	$6.85
		X	BDN6647	BDN6647 Medium Weight Single Muff Headset with Boom Microphone	$151.00
		X	BDN6648	Heavy Duty Headset with Noise Cancelling Boom Microphone, behind-the-head (can be worn with hardhat) - Noise Reduction Rating = 24dB	$525.00
X			BDN6773	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone	$53.00
	X	X	HMN9013	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone (Resale Packaging available through RPSD)	$57.00
		X	HMN9021	Medium Weight Dual Muff Headset, over-the-head, Noise Reduction Rating = 24dB	$237.00
		X	HMN9022	Medium Weight Dual Muff Headset, behind-the-head (can be worn with hardhat), Noise Reduction Rating = 24dB	$300.00
	X	X	PMLN5003	Retail Temple Transducer	$79.00
	X	X	PMLN5011	Temple Transducer (2 Prong)	$159.00
		X	REX4648	Replacement Windscreen (for use with Boom Microphone) and Foam Ear Pad	$7.20
		X	RKN4090	Adapter Cable for Racing Headset (for use with RMN5015)	$100.00
		X	RKN4094	Adapter Cable with In-Line PTT (for use with RMN4051 Headset)	$184.00
		X	RLN5238	NFL Style Lightweight Single Muff Headset with In-Line PTT	$125.00
		X	RLN5411	Ultra-Light Headset, behind-the-head with In-Line PTT and Boom Microphone	$60.00
		X	RLN5500	Accessory Retainer Clip	$10.75
		X	RMN4016	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone and In-Line PTT - Intrinsically Safe (FM)	$76.00
		X	RMN4051	2-Way Hard-Hat Mount Headset, Black - Noise Reduction Rating = 22dB (requires adapter cable RKN4094)	$225.00
		X	RMN5015	Racing Headset - with Noise Cancelling Swivel Boom Microphone used by pit crews on the CART racing circuit.Can be worn with hardhat.Noise Reduction Rating = 24dB (adapter cable required and sold separately)	$600.00
		X	RMN5047	NFL Style Heavy Duty Headset	$225.00

Non-Current Radio Accessories

Mag One Audio

CP100	CP125	CP150	Model No	Description	MSRP
	X	X	PMLN4442	Mag One Earbud with MIC/PTT/VOX Switch	$18.00
	X	X	PMLN4443	Mag One Ear Receiver with MIC/PTT/VOX Switch	$20.00
.	X	X	PMLN4444	Mag One Earset Boom Microphone with PTT/VOX	$26.00
		X	PMLN4445	Mag One Headset with PTT/VOX Switch	$30.00

Microphones

CP100	CP125	CP150	Model No	Description	MSRP
	X	X	AARLN4885	Receive-Only Foam Earbud with 3.5mm plug to be used with Remote Speaker Microphone -	$25.00
X			HMN9051	Remote Speaker Microphone with Coiled Cord and Swivel Clothing Clip	$57.75
	X	X	PMLN4620	Receive Only D- Shell Earpiece for Remote Speaker Microphone Only 3.5mm Adaptor	$19.00
		X	PMMN4008	Remote Speaker Microphone	$31.00
	X	X	PMMN4013	Remote Speaker Microphone with Ear Jack, Coiled Cord and Swivel Clothing Clip Intrinsically Safe (FM)	$73.50
	X	X	PMMN4029	Remote Speaker Microphone with IP57 Rating, Coiled Cord and Swivel Clothing Clip Intrinsically Safe (FM)	$75.00
	X	X	WADN4190	Ear Receiver with Coil Cable Remote Speaker Microphone Only 3.5mm Adapter	$43.00

Service

CP100	CP125	CP150	Model No	Description	MSRP
	X	X	0180357A57	120 Volt - Wall Mount Power Supply Supplies power to the RIB. Order power supply for radio separately.	$24.25
	X	X	3080369B72	9 Pin PC to Radio Interface Box Cable (IBM AT or compatible)	$52.00
.		X	AAPMKN4004	Programming & Test Cable - Programming cables require a Radio Interface Box (RIB), also compatible with RLN4460 used for radio testing.	$50.00
	X		DSK001C706	Ribless Programming Cable - provides interface between computer and radio	$67.00
	X	X	RLN4008	Radio Interface Box (RIB) Voltage Level Shifter to enable communications between radio and computer's RS232 communications adapter. Requires wall mount power serial supply or 10-18 VDC power sources.	$200.00
		X	RLN4460	Test Box for Portables and Mobiles	$395.00
		X	RLN5583	Flash Upgrade Adapter	$99.75
		X	RVN4191	Portable & Mobile Programming Software (CPS) - 3 Year Subscription*	$199.00
	X		RVN4196	CP125 CPS and Tunning Software (CD) - 3 Year Subscription	$299.00

*3 Year Subscription Package - Portables require AAPMKN4004 Programming/Test Cable. Mobiles require one of the following Programming Cables & Adapter: AARKN4081 Programming Cable with FKN8096 Program Adapter, 3080070N01 Programming Cable with FKN8096 Program Adapter or AARKN4083 Programming Cable with FKN8113 Program Adapter **Note: Software requires a license agreement and is not intended for resale. Please**

User Manuals

CP125	CP150	Model No	Description	MSRP
	X	6880309N61	CP150/CP200 Basic Service Manual	$12.00
X		6881096C38	CP125 Service Manual	$20.00